

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

PGT Industries, Inc. 1070 Technology Drive, North Venice, Fl. 34275

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "770-HP" Aluminum Sliding Glass Doors w / Reinforcements - S.M.I.

APPROVAL DOCUMENT: Drawing No. **PGT0005**, titled "Series 770 H.P. Aluminum SGD – S.M.I.", sheets 01 through 10 of 10, dated 08/05/07, prepared by manufacturer, revision "E" dated 12/31/14 and latest update 03/05/15, signed and sealed by Lynn A. Miller, P. E., bearing the Miami–Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 13-1009.06 and consists of this page 1 and evidence pages E-1; E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P.E.

(MIAMI-DADE COUNTY) (APPROVED)

J.GASON 3/11/15 NOA No. 15-0106.09 Expiration Date: March 24, 2020 Approval Date: March 12, 2015

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. PGT0005, titled "Series 770 H.P. Aluminum SGD S.M.I.", sheets 01 through 10 of 10, dated 08/05/07, prepared by manufacturer, revision "E" dated 12/31/14 and latest update 03/05/15, signed and sealed by Lynn A. Miller, P. E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94

along with marked—up drawings and installation diagram of Aluminum Sliding Glass Door (XOX), prepared by Fenestration Testing Laboratory, Inc., Test Report No.

FTL-7825, dated 06/10/2014, signed and sealed by Idalmis Ortega, P. E.

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked—up drawings and installation diagram of Aluminum Sliding Glass Doors (Samples A–3, A–4, B–3, B–4 and C–2), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL–7468**, dated 09/13/2013, signed and sealed by Martin D. Brinson, P. E.

(Submitted under previous NOA No. 13–1009.06)

- 3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94

along with marked—up drawings and installation diagram of Aluminum Sliding Glass Doors (Samples A–1, A–2, B–1, B–2 and C–1), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL–6019R**, dated 12/29/09, revised, signed and sealed by Julio Gonzales, P. E.

(Submitted under previous NOA No. 09-0826.11)

Jaime D. Gascon, R. E.

Product Control Section Supervisor

NOA No. 15-0106.09

Expiration Date: March 24, 2020 Approval Date: March 12, 2015

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

- 4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked—up drawings and installation diagram of Aluminum Sliding Glass Doors), prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s FTL-6019 and FTL-6020, dated 08/10/09, both signed and sealed by Julio Gonzales, P. E. (Submitted under previous NOA No. 09-0826.12)

5. Additional reference supporting Test Reports No.'s ATI72138.01-401-18 and FTL-5254. (Submitted under previous NOA No. 09-0826.12)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5th Addition (2014), prepared by manufacturer, dated 03/05/15, signed and sealed by Lynn A. Miller, P.E.
- 2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Kuraray PVB Glass Interlayer" dated 03/12/15, expiring on 12/11/16.

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC 5th Edition (2014), issued by manufacturer, dated 12/31/14, signed and sealed by Lynn A. Miller, P. E.
- 2. Statement letter of no financial interest, issued by manufacturer, dated 12/31/14, signed and sealed by Lynn A. Miller, P. E.
- 3. Department of State Certification of PGT INDUSTRIES, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 01/27/15 and filed by the Secretary of State.
- 4. Laboratory compliance letter for Test Report No. FTL-7825, issued by Fenestration Testing Laboratory, Inc., dated 06/10/14, signed and sealed by Idalmis Ortega, P. E.

Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 15-0106.09

Expiration Date: March 24, 2020 Approval Date: March 12, 2015

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

5. Statement letter of commitment, issued by manufacturer, dated 02/20/14, signed and sealed by Lynn A. Miller, P. E.

(Submitted under previous NOA No. 13-1009.06)

- 6. Statement letter of conformance, complying with FBC-2010, issued by manufacturer, dated 10/04/13, signed and sealed by Lynn A. Miller, P. E. (Submitted under previous NOA No. 13-1009.06)
- 7. Statement letter of no financial interest, issued by manufacturer, dated 10/04/13, signed and sealed by Lynn A. Miller, P. E. (Submitted under previous NOA No. 13-1009.06)
- 8. Laboratory addendum letter for Test Report No. FTL-7468, issued by Fenestration Testing Laboratory, Inc., dated 01/13/14, signed by Manny Sanchez, CEO. (Submitted under previous NOA No. 13–1009.06)
- 9. Laboratory compliance letter for Test Report No. FTL-7468, issued by Fenestration Testing Laboratory, Inc., dated 09/13/13, signed and sealed by Martin D. Brinson, P.E. (Submitted under previous NOA No. 13-1009.06)
- 10. Proposal, dated 06/04/13, issued by the Product Control, signed by Jaime D. Gascon, P. E.

(Submitted under previous NOA No. 13-1009.06)

- 11. Notification of Successor Engineer for manufacturer's NOA document per Section 61G15-27.001 of the Florida Administrative Code, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 10/07/11, signed and sealed by Lynn A. Miller, P. E.
 - (Submitted under previous NOA No. 11–1018.15)
- 12. Laboratory compliance letter for Test Reports No.'s FTL-6019 and FTL-6020, both issued by Fenestration Testing Laboratory, Inc., dated 08/10/09, signed and sealed by Julio Gonzales, P. E.

(Submitted under previous NOA No. 09-0826.11)

Proposals No.'s 09-0177-A, dated 05/05/09, -B, dated 05/27/09 and -C, dated 05/27/09, all issued by the Product Control, signed by Ishaq Chanda, P. E. (Submitted under previous NOA No. 09-0826.11)

G. OTHERS

1. Notice of Acceptance No. 13–1009.06, issued to PGT Industries, Inc. for their Series "770–HP Aluminum Sliding Glass Doors w / Reinforcements – S.M.I.", approved on 02/28/14 and expiring on 03/24/15.

Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 15-0106.09

Expiration Date: March 24, 2020 Approval Date: March 12, 2015

GENERAL NOTES: SERIES 770 H.P. SMI SLIDING GLASS DOOR WITH REINFORCEMENT

DESIGN PRESSURE RATING IMPACT RATING

SEE TABLES 1 & 1A ON RATED FOR SMALL MISSILE IMPACT RESISTANCE

1) GLAZING TYPE OPTIONS: (GLASS RECIPES ARE FROM EXTERIOR TO INTERIOR)

GLASS STRENGTHS: T = TEMPERED

INTERLAYER TYPES: PVB = .090" DUPONT BUTACITE PVB

- G9 1" LAMINATED INSULATING GLASS: 3/16" T EXT. CAP + 3/8" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" T GLASS WITH .090" PVB INTERLAYER.
- G9A 1" LAMINATED INSULATING GLASS: 1/4" T EXT. CAP + 5/16" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" T GLASS WITH .090" PVB INTERLAYER.
- G10 7/16" LAMINATED: (2) LITES OF 3/16" T WITH .090" PVB INTERLAYER.
- G10A 9/16" LAMINATED: (2) LITES OF 1/4" T GLASS WITH .090" PVB INTERLAYER.
- 2) DESIGN PRESSURES: A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300.
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E1300.
- 3) ANCHORAGE: THE 33-1/3% STRESS INCREASE <u>HAS NOT</u> BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 4-6.
- 4) SHUTTERS ARE NOT REQUIRED 30' ABOVE GRADE.
- 5) INSTALLATION SCREWS, FRAME AND PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
- 6) REFERENCES: TEST REPORTS FTL-5998, FTL-6005, FTL-7468, FTL-6012 & FTL-7825.

ELCO ULTRACON, CRETEFLEX AND AGGREGATOR NOA'S, ANSI/AF&PA NDS FOR WOOD CONSTRUCTION AND ADM, ALUMINUM DESIGN MANUAL

- 7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 8) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.
- 9) CONFIGURATIONS: STRAIGHT DOORS MAXIMUM 2 TRACKS BY 9 FT. (108") HIGH WITH MAXIMUM 4 FT. NOMINAL WIDE DOOR PANEL, MAXIMUM 4 PANELS. SEE EXAMPLE ELEVATIONS AND PANEL CONFIGURATIONS ON SHEETS 2 & 7.

D.L.O. WIDTH = NOM. PANEL WIDTH - 7"
D.L.O. HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"

NOTES PERTAINING TO ANCHORAGE DETAILS ON SHEET 5-6:

- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO ANCHORS. SEE TABLE ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- 2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE ON THIS SHEET.
 3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 5) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment	
1		Concrete (min. 2.85 ksi)	Head/Sill/Jamb	1"	1-3/8"	
	1/4" Elco Ultracon	Ungrouted CMU, (ASTM C-90)	Jamb only	2-1/2*	1-1/4*	
		Grouted CMU (ASTM C-90, min. 2 ksi grout)	Jamb only	2-1/2*	1-3/4"	
	414151 44000	Concrete (min. 3.35 ksl)	Head/Sill/Jamb	1"	1-3/4"	
2	1/4" Elco 410 S.S.	Ungrouted CMU, (ASTM C-90)	Jamb only	2-1/2"	1-1/4"	
	CreteFlex	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1,395*	
	4445 551 115	Concrete (min. 2.85 ksi)	Head/Sill	1*	1-3/8"	
	1/4" Elco Ultracon	Ungrouted CMU (ASTM C-90)	Jamb only	1"	1-1/4"	
	#12, 18-8 or 410 S.S. SMS, (min. 11 threads/in)	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	9/16"	1-3/8*	
		Aluminum, 6063-T5*	Head/Sill/Jamb	3/8"	0.071"	
		Steel, A36*	Head/Sill/Jamb	3/8*	0.050*	
3		Steel Stud, A653 Gr. 33*	Head/Sill/Jamb	3/8*	0.0451*	
		Concrete (min. 3.275 ksi)	Head/Sill/Jamb	1-1/2"	1-3/8"	
	1/4" Elco 18-8 S.S.	Ungrouted CMU, (ASTM C-90)	Jamb only	2*	1-1/4"	
	Aggre-Gator	Grouted CMU (ASTM C-90, mln. 2 ksl grout)	Jamb only	2"	2"	
		P.T. Southern Plne (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"	
		P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	9/16"	1-3/8"	
١.	#12, Steel SMS G5,	Aluminum, 6063-T5*	Head/SIII/Jamb	3/8"	0.071*	
4	(min. 11 threads/in)		Head/Sill/Jamb	3/8*	0.050*	
	. 1		Steel Stud, A653 Gr. 33*	Head/Sill/Jamb	3/8"	0.0451"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

NOA DRAWING MAP

SHEE
GENERAL NOTES1
ELEVATIONS2
GLAZING DETAILS3
ANCHORAGE4-6
DESIGN PRESSURES 4
ELEVATIONS7
CONFIGURATIONS7
VERT. SECTIONS8
HORIZ, SECTIONS 8
PARTS LIST 9

EXTRUSIONS..... 10

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No

Miami Dade Product Control

No. 58705

No. 58705

No. 58705

No. 58705

No. 58705

A. LYNNIMILLER, P.E. P.E.# 58705

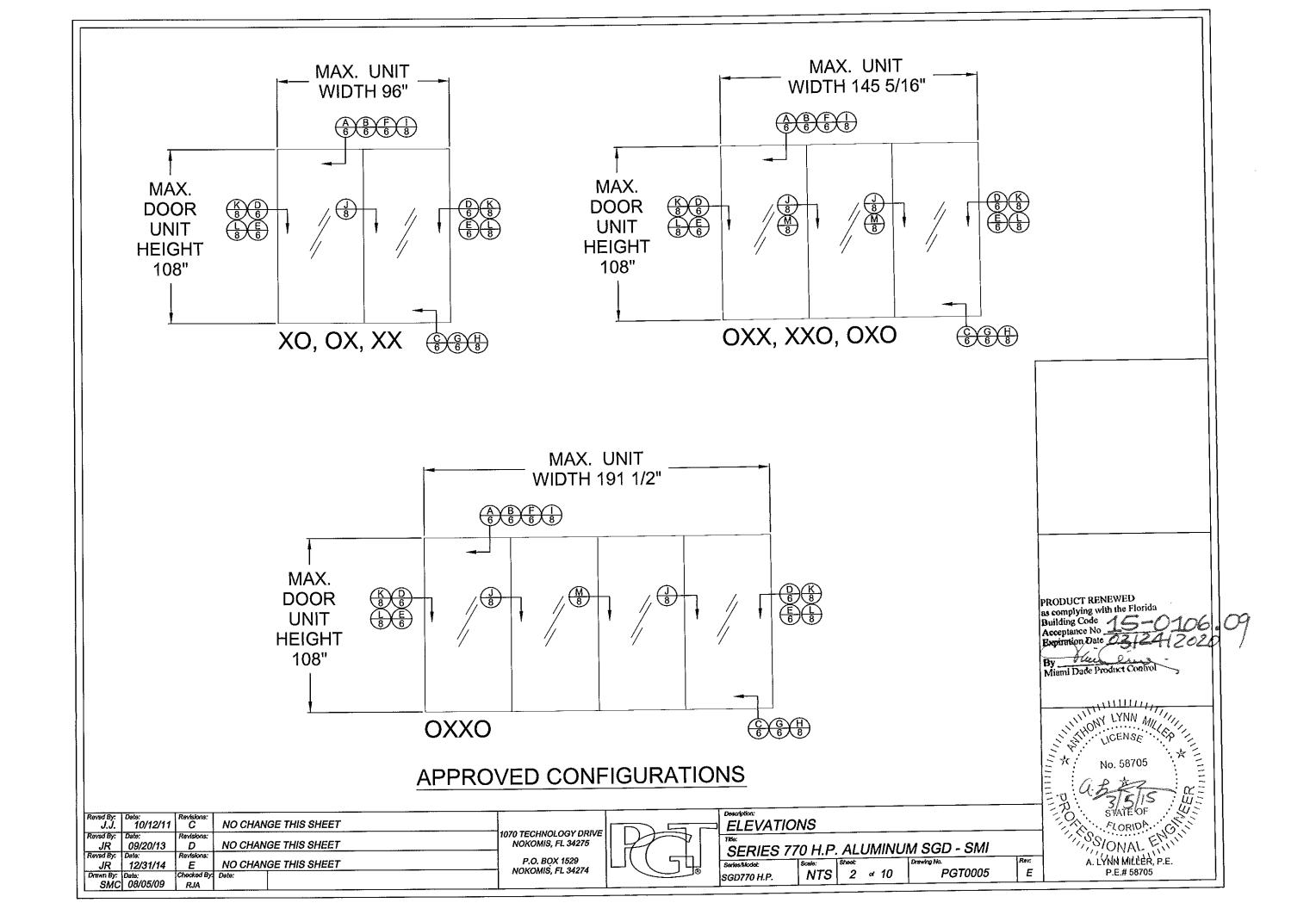
Ε

Reysd By: J.J.	Dete: 10/12/11	Revisions: C	FBC 2010 CODE CHANGE	
Reved By:	Date:	Revisions:		1070 TECHNOLOGY DRIV
JR	09/20/13	D	ADDITIONAL ANCHORS/HIGHER DP	NOKOMIS, FL 34275
Reved By:	Data;	Revisions:		
JR	12/31/14	E	UPDATED TO FBC, 5TH EDITION (2014)	P.O. BOX 1529
Drawn By:		Checked By:	Date:	NOKOMIS, FL 34274
SMC	08/05/07	RJA	RJA	

GENERAL NOTES AND MAP

SERIES 770 H.P. ALUMINUM SGD - SMI

Series Mode: Scale: Shoe: Orward No. PGT0005



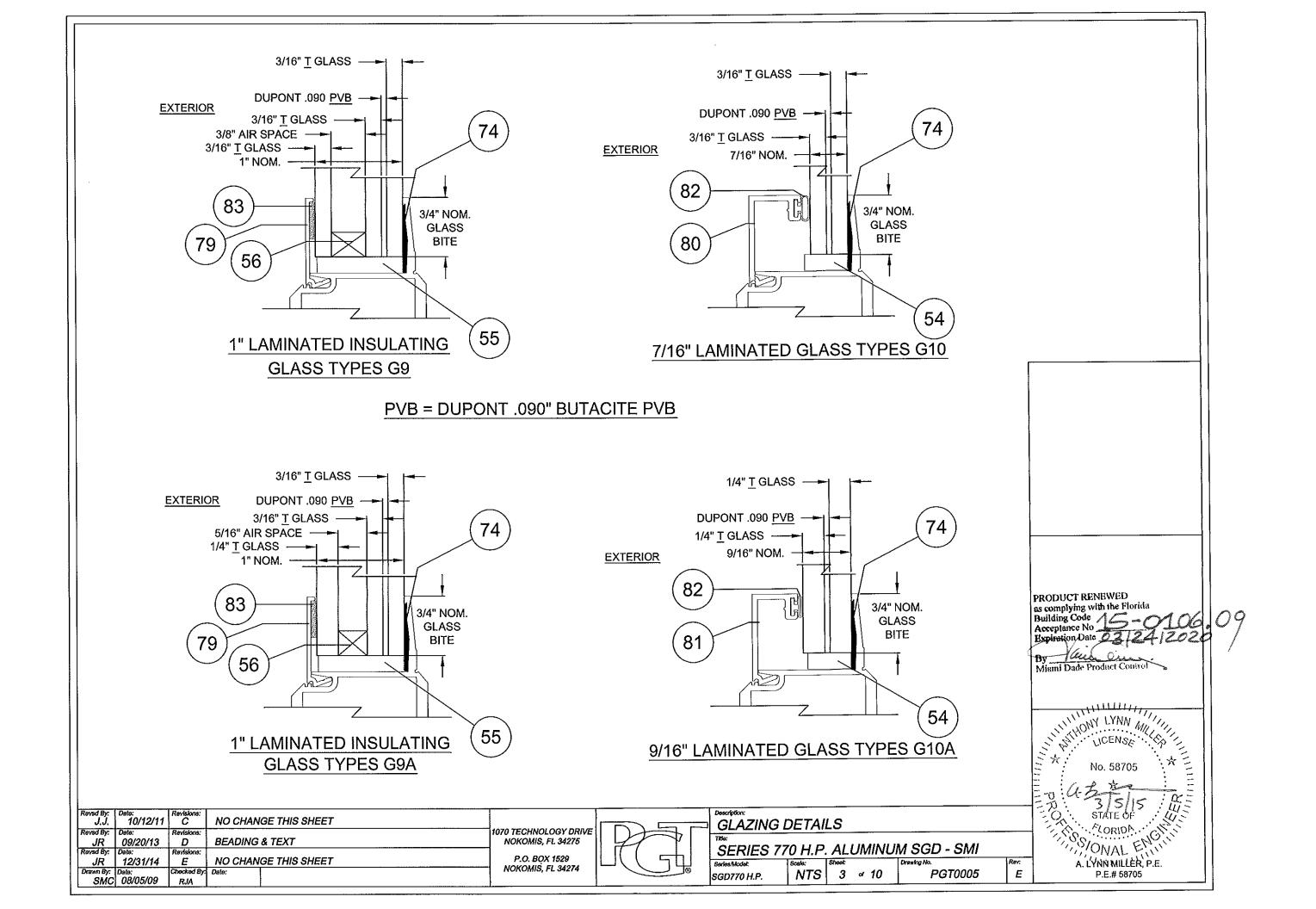


TABLE 1: Design Pressure (DP) and Anchor Quantities Required (For all approved Configurations, Sheet 2 and Glass Types, Sheet 3) Door Unit Height 108* 102" 90* 98" 80" 84" Reinforced Interlocks 97-7/8" (DLO) 91-7/8" (DLO) 79-7/8" (DLO) 87-7/8" (DLO) 73-7/8" (DLO) 69-7/8" (DLO) Heaw-duty Astragal Anchor Group Anchor Group Anchor Group Heaw-duty Stiles Anchor Group Anchor Group Anchor Group 1&2 3 4 1 & 2 3 4 3 1 & 2 3 4 2 3 1 2 & 4 3 1 & 2 4 +90/-130 +90/-130 +90/-130 +90/-130 +90/-130 DP (psf) +90/-130 C5+2 C6+2 C6+2 C5+2 24" Head/Sil C5+2 C5+2 C5+2 C5+2 C5+2 C5+2 (DLO) 12 12 12 12 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10 Jamb +90/-130 +90/-130 +90/-130 +90/-130 +90/-130 DP (psf) +90/-130 C6+2 | C7+2 | C7+2 C6+2 C6+2 C6+2 C6+2 C6+2 C6+2 C5+2 C5+2 C5+2 C5+2 | C5+2 | C5+2 C5+2 C5+2 | C5+2 C5+2 30" Head/Sill (DLO) 12 12 14 12 12 14 12 10 10 10 12 10 10 10 10 10 10 10 Jamb 10 +90/-130 +90/-130 +90/-130 +90/-130 +90/-130 +90/-130 DP (psf) C7+2 C7+2 C8+2 C8+2 C7+2 29" C6+2 C6+2 C7+2 C7+2 C7+2 C6+2 C6+2 C6+2 C5+2 C5+2 C5+2 C5+2 C6+2 C6+2 36" Head/Si (DLO) 16 12 10 12 16 12 10 14 10 10 12 10 10 12 10 10 14 10 Jamb +90/-121.4 +90/-130 +90/-130 +90/-130 +90/-130 +90/-130 DP (psf) C8+2 C8+2 C8+2 | C8+2 | C7+2 C7+2 C7+2 C8+2 C8+2 C6+2 C7+2 C7+2 C7+2 C6+2 C6+2 C6+2 C6+2 C6+2 C6+2 42" Head/Sill (DLO) 18 12 12 18 12 12 10 10 16 14 10 10 12 10 10 14 10 10 Jamb 10 +90/-110 +90/-118.5 +90/-130 +90/-130 +90/-130 +90/-130 DP (psf) C8+3 (C8+3) C7+2 C8+3 C8+3 C8+3 C8+3 C8+3 C8+3 C7+3 C7+3 C7+3 C7+3 48" C6+3 C6+3 C6+3 C6+3 C7+3 C7+3 Head/Sill (DLO) 12 12 18 12 12 12 18 10 10 18 10 14 10 10 14 10 10 16 10 Jamb

HEAVY DUTY ASTRAGAL
HEAVY DUTY STILES

65
62
111
61
66
66

WITH THE #66 HEAVY-DUTY REINFORCEMENT
HEAVY-DUTY STILES

NOTE: JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

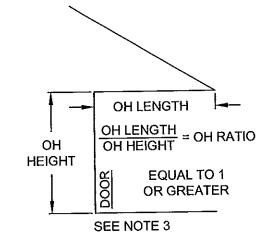
= EXAMPLE ON SHEET 5

- 1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 4" SILL.
- 2. WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.67 PSF MAX. AND WITH THE 3 1/4" SILL, POSITIVE PRESSURES IS 60.0 PSF MAX.

(NEGATIVE PRESSURES UNCHANGED). SEE TABLE 1A ON THIS SHEET.

- 3. 2 1/2", 3 1/4" AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1 1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4. SEE SHEETS 1, 5 & 6 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5. DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

D.L.O. WIDTH = NOM. PANEL WIDTH - 7"
D.L.O. HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"



Sill Height to Max. (+) DP (Water Infiltration Rating)					
Sill Riser Height	(+) Design Pressure, psf				
Flush - 1-1/2"	see note 3				
Low - 2-1/2"	+ 46.67				
Medium - 3-1/4"	+ 60.0				
High - 4"	+ 90.0				
SEE NOTES 1-3					

Minmi Dade Product Control

Minmi Dade Product Control

No. 58705

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A. LYNN MILLER, P.E.

P.E.# 58705

PRODUCT RENEWED as complying with the Florida

Building Code

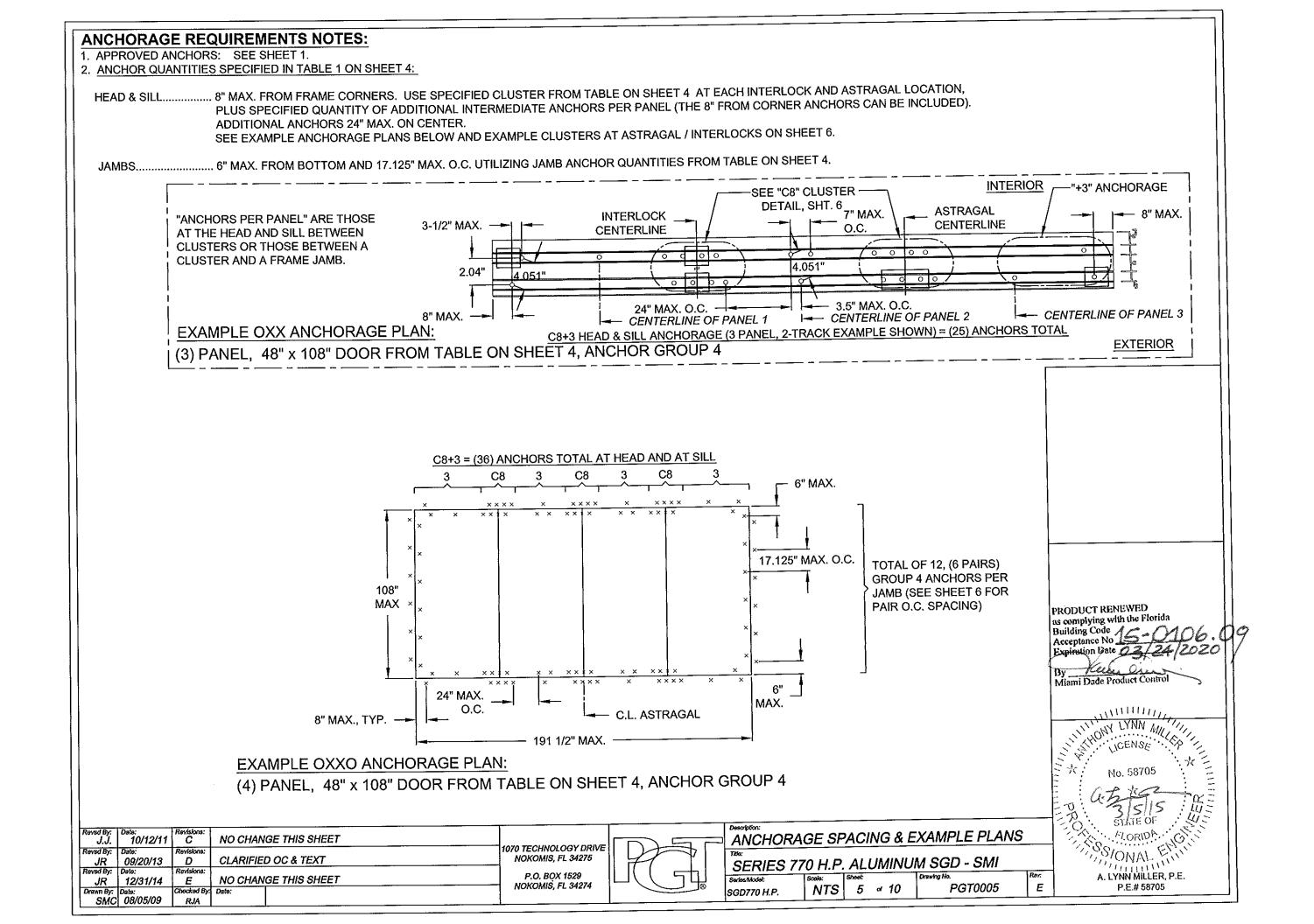
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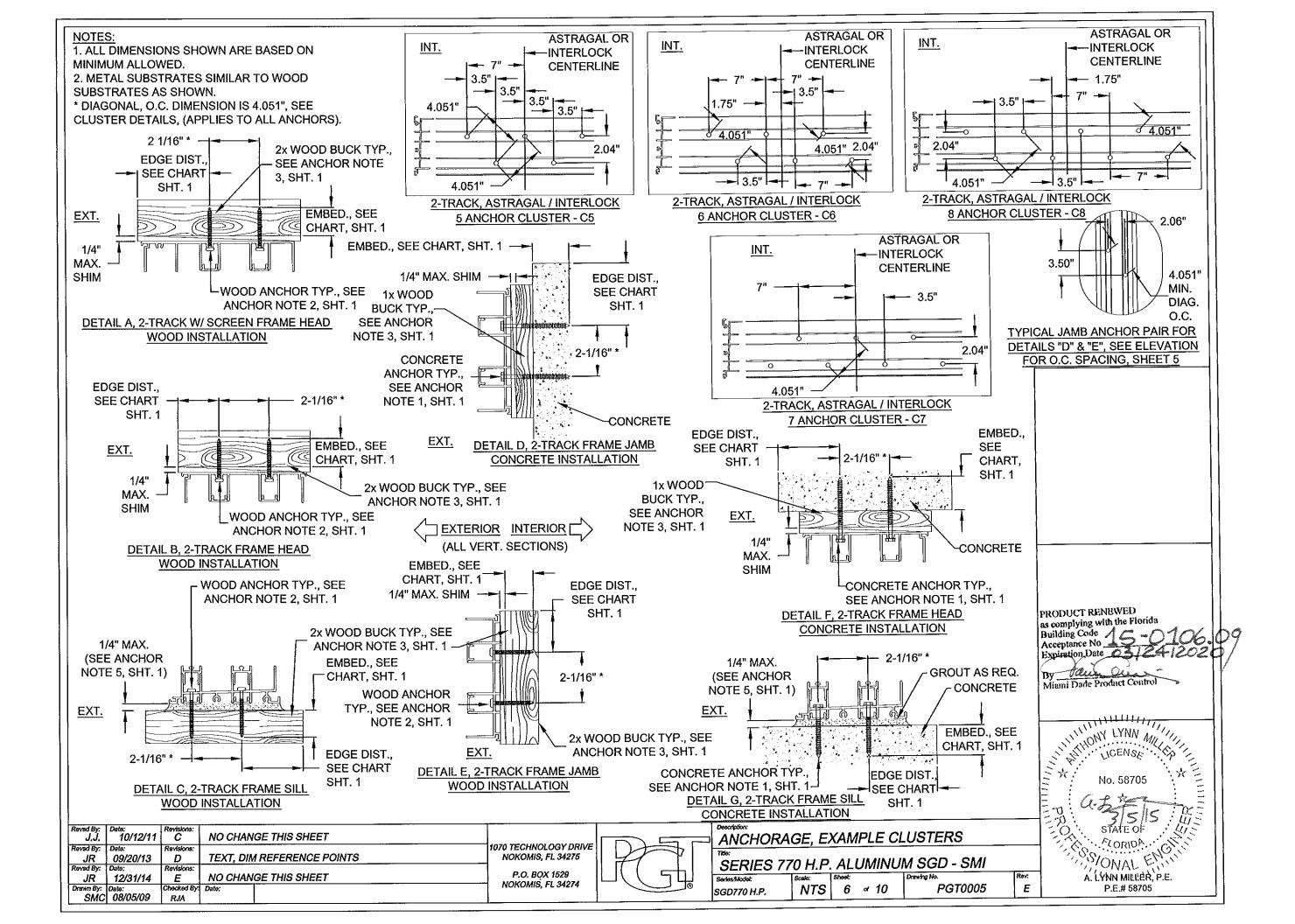
Acceptance No

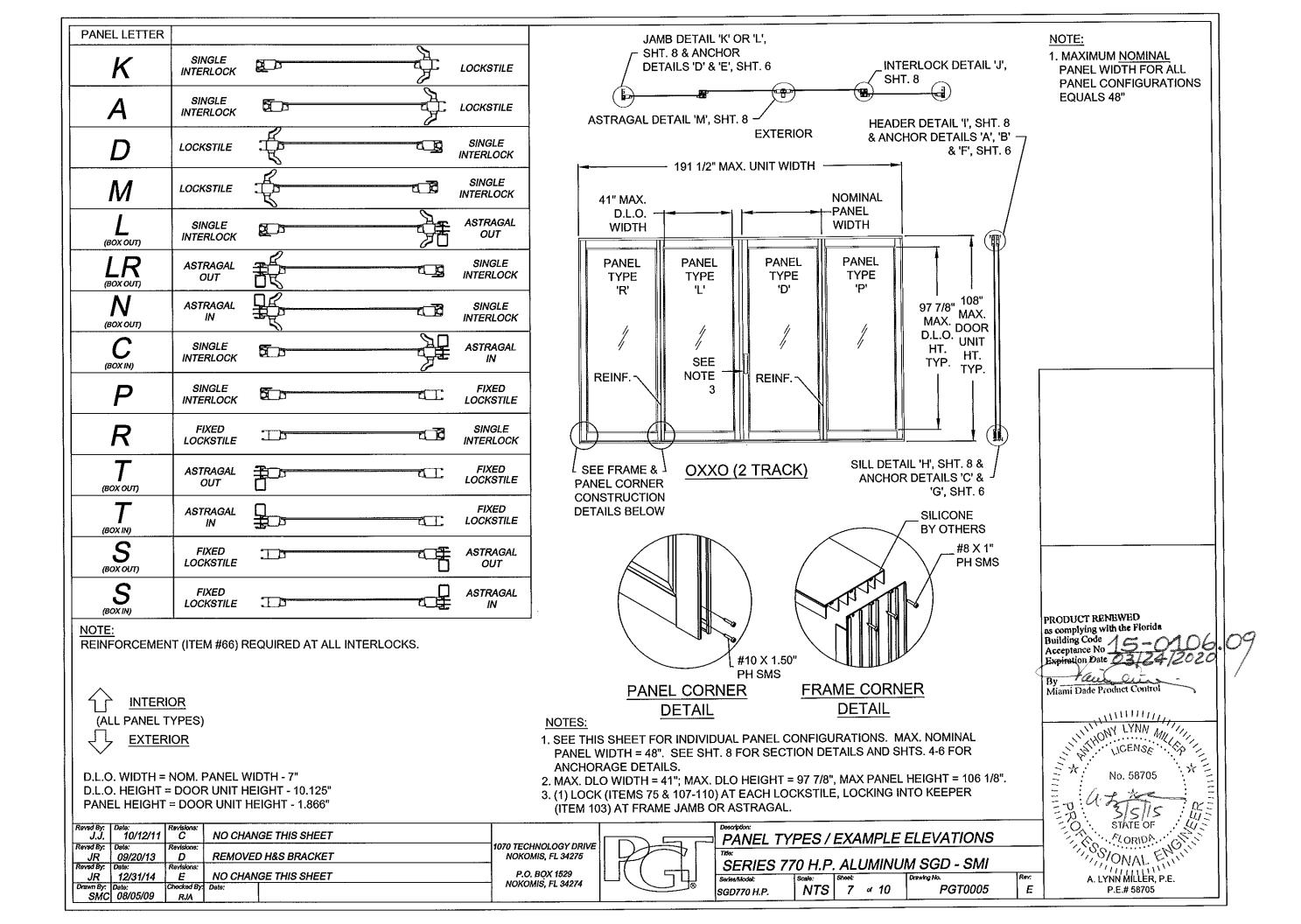
Reved By: J.J.	Deta: 10/12/11	Revisions: C	NO CHANGE THIS SHEET	
Reyso By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE
JR	09/20/13	D	ADDITIONAL ANCHORS/HIGHR DP	NOKOMIS, FL 34275
Reyad By:	Date:	Revisions:		D O DOV 4500
JR	12/31/14	E	NO CHANGE THIS SHEET	P.O. BOX 1529 NOKOMIS, FL 34274
Drawn By:	Date:	Checked By:	Date:	NONOMIS, I'L STATT
SMC	8/5/09			

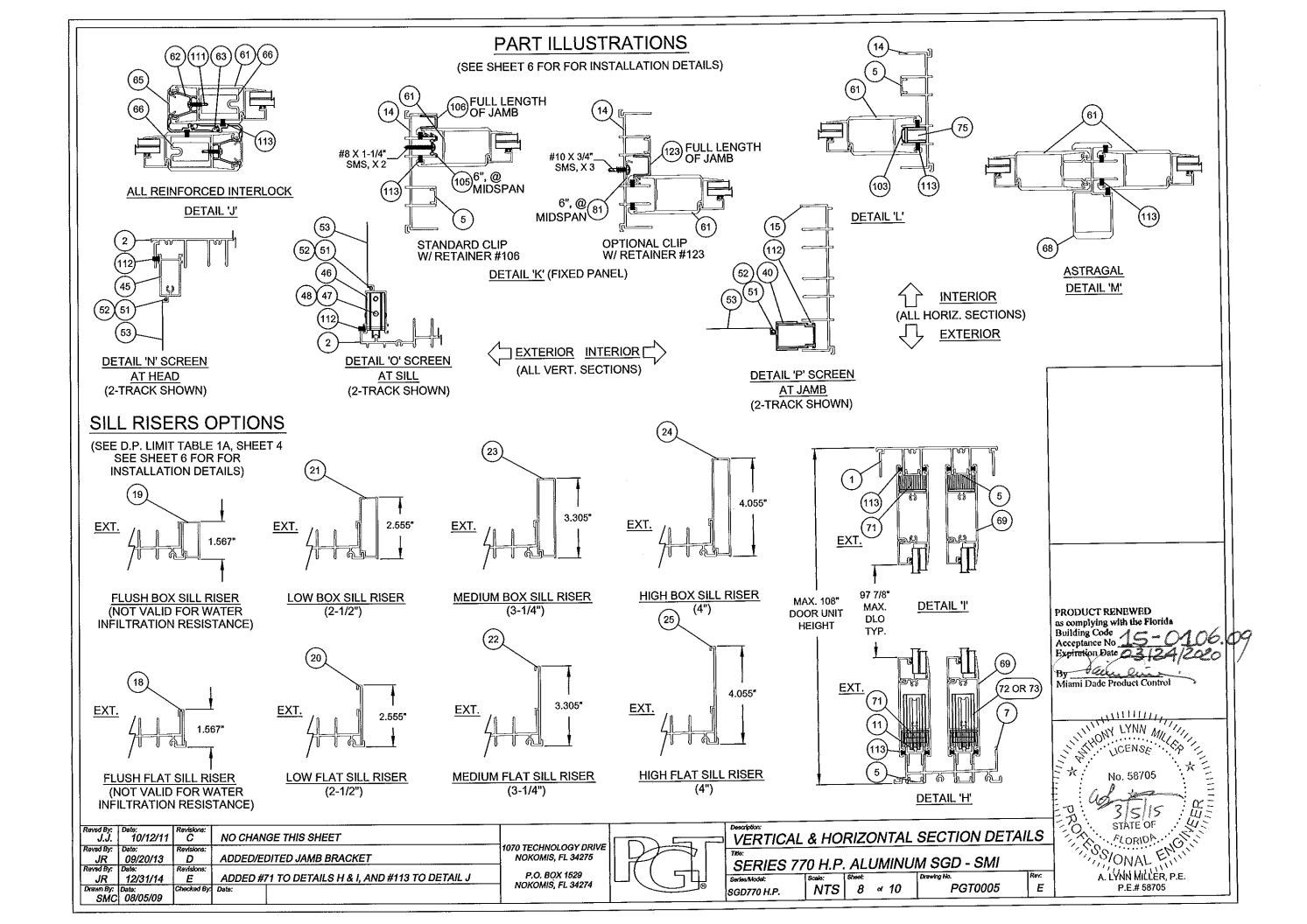
	Description: DP AND AN	ICHOR	AGE	CF	<u>IAR</u> T	Γ	
	SERIES 7	70 H.P.	. AL	UM	INU	M SGD - SMI	
_] :	Series/Modet:	Scale:	Sheet			Drawing No.	Rev.
9	SGD770 H.P.	NTS	4	of	10	PGT0005	E

TABLE 1A:









Item	PGT Dwg.#	PGT #	Description
1	17306	617306	2-TRACK HEAD
2	17303	617303	2-TRACK HEAD WITH SCREEN RAIL
5	17314	617314	FRAME SCREW COVER
6	17317	617317	FRAME HEAD/JAMB ADD-ON
7	17304	617304	2-TRACK SILL
8	17301	617301	2-TRACK SILL WITH SCREEN RAIL
11	17313	617313	FRAME SILL TRACK INSERT
14	17305	617305	2-TRACK JAMB
15	17302	617302	2-TRACK JAMB WITH SCREEN RAIL
18	17322	617322	SILL RISER
19	17319	617319	SILL RISER - HOLLOW
20	17321	617321	SILL RISER - LOW FLAT
21	17318	617318	SILL RISER - LOW HOLLOW
22	17355	617355	SILL RISER - MED FLAT
23	17354	617354	SILL RISER - MED HOLLOW
24	17320	617320	SILL RISER - HIGH HOLLOW
25	17323	617323	SILL RISER - HIGH FLAT
			S 40-53 ARE SCREEN PARTS:
40	4319	612258	SCREEN SIDE RAIL - LOCKSTILE
41		7LOCKWGSK	SCREEN LOCKSET
42		41818	SCREEN KEEPER SPACER SET
43	8152	68152	SCREEN INTERLOCK ADAPTER
44	4428	64428	SCREEN DOUBLE INTERLOCK
45	4317	612256	SCREEN TOP RAIL
46	4318	612257	SCREEN BOTTOM RAIL
47	668	7SRAZ	STANDARD ROLLER
48	668	7SRAX	STANDARD ROLLER - ST. STL.
49	4344	64344	SCREEN ASTRAGAL
50	17349	617349	OXO SCREEN ASTRAGAL ADAPTER
51	1692	61692	SCREEN SPLINE165"
52	1694	61694	SCREEN SPLINE150"
53		61816C20	SCREEN CLOTH
54	1725		1/2" X 4" X 1/16" SETTING BLOCK
55	1726		1" X4" X1/16" SETTING BLOCK
56			QUANEXTRUSEAL DURASEAL SPACER (COMPOSITE SEALANT/DESSICANT)
61	17326	617326	PANEL STILE (HEAVY DUTY)
62	17327	617327	INTERLOCK ADAPTOR
63	1225	6TP248	VINYL BULB WSTP THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
66	17346	617346	INTERLOCK ALUM REINF. (PANEL - 9")

Item	PGT Dwg.#	PGT#	Description	
68	17339	617339	HEAVY DUTY ASTRAGAL	
69	17324	617324	TOP & BOTTOM RAIL	
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)	
71	1695	71695	1-1/2" X 1" X 3/4" HIGH FIN SEAL DUST PLUGS	
72	8153	78153X	TANDEM ST. STL. ROLLER ASSY.]
73	8153	78153N	TANDEM NYLON ROLLER ASSY.	
74		SILICONE	DOW-899, DOW-995 OR GE-7700	
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE	
76		71032X1FPFX	#10-32 X 1" FL. S.S. SCREW W/ TYPE "F" TIP	
77		7103239	10-32 STEEL ZINC U-NUT]
79	17330	617357	1" IG BEAD	
80	17359	617359	7/16" BEAD / FIXED PANEL CLIP	1
81	17360	617360	9/16" BEAD	
82	1224	6TP247K	VINYL BULB WEATHERSTRIP	
83	61745	1745	LOWE INC, 1/2" X 1/16" SGL. SIDE ADH. TAPE, POLYETH.	
100	8052	48052	ROLLER ADJ. HOLE PLUG	
101		72087	JAMB BUMPER	
102	1696	71696	DUSTPLUG]
103	8186	78186X	1" KEEPER	
104	653	7SDKEEP	SCREEN LOCK KEEPER	
105	17344	617344	FIXED PANEL CLIP - 6" LONG	
106	17345	617345	EXTERIOR FIXED PANEL RETAINER - 9/16"	
107	1739	71739	HANDLE KIT - INTERIOR RAISED WITH THUMB TURN	
108	1740	71740	HANDLE KIT - RAISED EXTERIOR HANDLE	
109	1731	78162SN	HANDLE KIT - RECESSED INTERIOR WITH THUMB TURN	
110	1732	78178	HANDLE KIT - RECESSED EXTERIOR PULL][
111		710X34PPSDAX	#10 X3/4" PH. PN. TEK - S.S.	
112	1235	67816	WSTP, .270" X .170" - FIN SEAL	<u>_ </u>
113	1712	64066	.187" X.230" FINSEAL	
114		710X115PPX	#10 X 1-1/2"	<u>]</u>
115		710XPPT	#10 X 1"	
116		720X1X	#14-20 X 1* S.S.	_
117		720X112X	#14-20 X 1.5" S.S.	
123	617352	617352	FIXED PANEL RETAINER, 7/8"	
				product renewed as complying with the Florida Building Code Acceptance No Expiration Date

NOTES:

1) ALL ALUMINUM = 6063-T6

2) ITEMS # 3, 4, 9-10, 12, 13, 16, 17, 26-39, 57-60, 67, 78, 84-99 & 118-122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

Revad By: J.J.	Date: 10/12/11	Revisions: C	NO CHANGE THIS SHEET		ſ
Reysd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE	П
JR	09/20/13	D	TEXT/PART NUMBERS	NOKOMIS, FL 34275	П
Reved By:	Date:	Revisions:			ı
JR	12/31/14	E	NO CHANGE THIS SHEET	P.O. BOX 1529	ΙL
Drawn By:	Date:	Checked By:	Date:	NOKOMIS, FL 34274	ı
SMC	08/05/09	RJA			L.



PARTS LIST

SERIES 770 H.P. ALUMINUM SGD - SMI
Sected-Model: Scale: State: NTS 9 of 10 PGT00005

Rev:

No. 58705

No. 58705

No. 58705

No. 58705

No. 58705

A. LYNN MILLER, P.E.
P.E.# 58705

By Miami Dade Product Control

